



As a below named inventor, I hereby declare that:

•	fice address and citizenship are as stated						
names are listed below	inal, first and sole inventor (if only one v) of the subject matter which is claimed RECORDING MEDIUM, RECORDER,	l and for which a patent	an original, first and joint invent is sought on the invention entitle	or (if plural d			
the specification of wh	nich is attached hereto unless the follow	ing is checked:					
was	iled on <u>June 29,1998</u> as United States Application Number or PCT Internation						
Äpp	lication Number PCT/JP98/0290	08	and was amended on				
	applicable).						
I hereby state that I haby any amendment ref	ive reviewed and understand the content ferred to above.	s of the above-identified	specification, including the claim	n(s), as amended			
I acknowledge the duty	y to disclose information which is materia	al to patentability as defin	ned in Title 37, Code of Federal R	egulations, § 1.56			
inventor's certificate l	priority benefits under Title 35, United isted below and have also identified below the application on which priority is claim	ow any foreign application	(d) of any foreign application(s) on for patent or inventor's certific	for patent or cate having a fil-			
=	09–191808	Japan	01/July/1997	Phonty Claime Yes No			
List prior foreign	(Number)	(Country)	(Day/Month/Year Filed)				
applications. See note A	(Number)	(Country)	(Day/Month/Year Filed)	_ Q Yes Q No _ Q Yes Q No			
ion back of this page)	(Number)	(Country)	(Day/Month/Year Filed)	Yes No			
= m :	(Number)	(Country)	(Day/Month/Year Filed)				
! ⊒ (See note B on back o	f this page)	list for additional prior f	foreign applications				
	efit under Title 35, United States Code,	§ 119(e) of any United	States provisional application(s) l	isted below.			
<u>.</u>	(Application Number)	······	(Filing Date)				
	(Application Number)		(Filing Date)	_			
subject matter of each the first paragraph of ' ity as defined in Title	nefit under Title 35, United States Code, of the claims of this application is not of Title 35, United States Code, § 112, I ac 37, Code of Federal Regulations, § 1.56 Transactional filing date of the applications.	lisclosed in the prior Un knowledge the duty to d which became available	ited States application in the man isclose information which is mate	ner provided by erial to patentabil			
(List Prior U.S. Applications)	(Application Serial Number)	(Filing Date)	(Status) (patented, pendir	ng, abandoned)			
	(Application Serial Number)	(Filing Date)	(Status) (patented, pendir	ig, abandoned)			
I hereby appoint the for Trademark Office con	ollowing attorney(s) and/or agent(s) to p nected therewith:	prosecute this application	and to transact all business in th	e Patent and			

James E. Armstrong, III, Reg. No. 18.366; William F. Westerman, Reg. No. 29,988; Ken-Ichi Hattori, Reg. No. 32,861; Le-Nhung McLeland, Reg. No. 31,541; Ronald F. Naughton, Reg. No. 24,616; John R. Pegan, Reg. No. 18,069; William G. Kratz, Jr., Reg. No. 22,631; Albert Tockman, Reg. No. 19,722; Mel R. Quintos, Reg. No. 31,898; Donald W. Hanson, Reg. No. 27,133; Stephen G. Adrian, Reg. No. 32,878; William L. Brooks, Reg. No. 34,129; John F. Carney, Reg. No. 20,276; Edward F. Welsh, Reg. No. 22,455; Patrick D. Muir, Reg. No. 37,403; Gay A. Spahn, Reg. No. 34,978; John P. Kong, Reg. No. 40,054; and Luke A. Kilyk, Reg. No. 33,251.

Please direct all communications to the reasoning address:

ARMSTRONG, WESTERMA ATTORI,
McLELAND & NAUGHTON
1725 K Street, N.W., Suite 1000
Washington, D.C. 20006

Telephone: (202) 659-2930 Fax: (202) 887-0357

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18 of the United States Code, § 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

1-0	Full name of sole or fir	rst inventor (given name, family name) _	Masato HUM	<u> </u>	
(See note	Inventor's Signature _	masete Funa	Date	Fiec.14,	1999
C above)	Residence	$-\Omega$		Japanese	
•	Post Office Address	41-1, Aza Takabata, Myoukou	ji,Yamato-Cho,	Ichinomiya-Sh	i,Aichi,Japan
•					
Full name of s	second inventor (given nam	ne, family name)			
_					
Residence			Citizenship _		
Post Office Ad	ddress				
Fall name of t	third inventor (given name,	, family name)			
Inventor's Sig	nature		Date		
Residence			Citizenship _		
Post Office A	ddress				
型 pame of f	fourth inventor (given nam	e, family name)			
<u> </u>					
e					
<u>_</u>					
Full name of i	fifth inventor (given name,	family name)			
Inventor's Sig	nature		Date		
Residence			Citizenship _		
Post Office Ad	ddress				
Full name of	sixth inventor (given name	, family name)			
Inventor's Sig	gnature		Date _		
Residence			Citizenship _		
Post Office A	ddress				
Full name of	seventh inventor (given na	me, family name)			
Inventor's Sig	gnature		Date _	ج	
Residence			Citizenship _		
Post Office A	ddress				
Full name of	eighth inventor (given nam	ne, family name)			